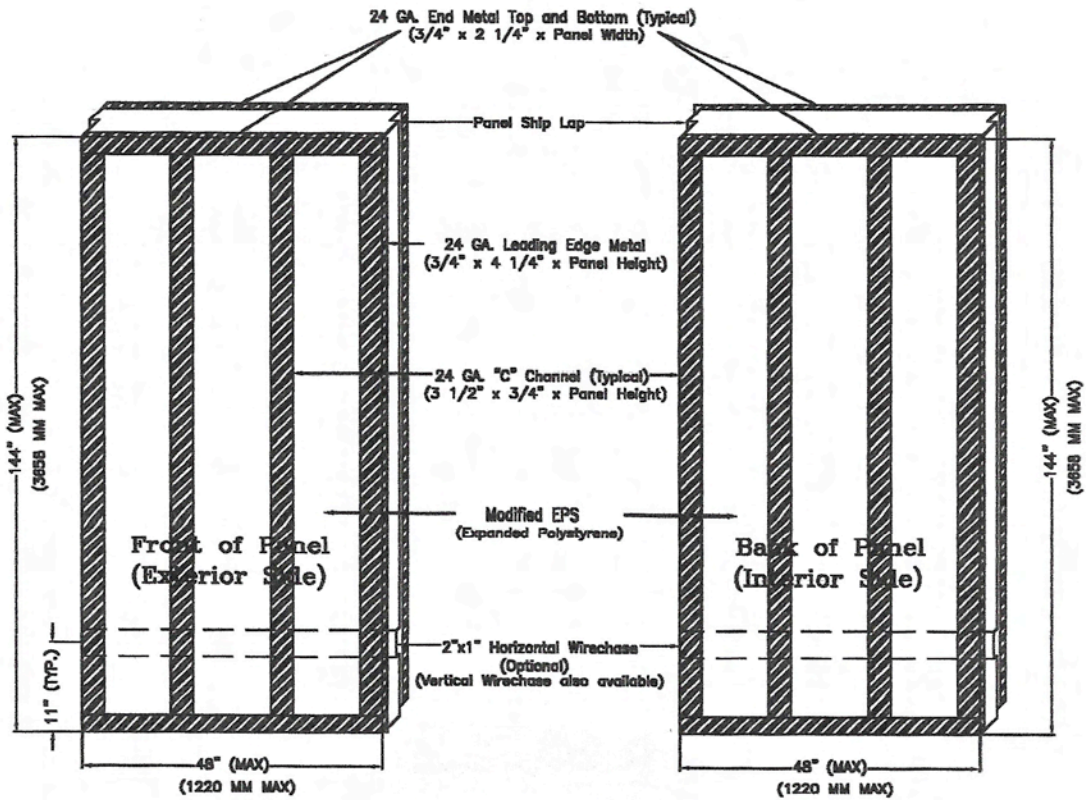


# *Insular*

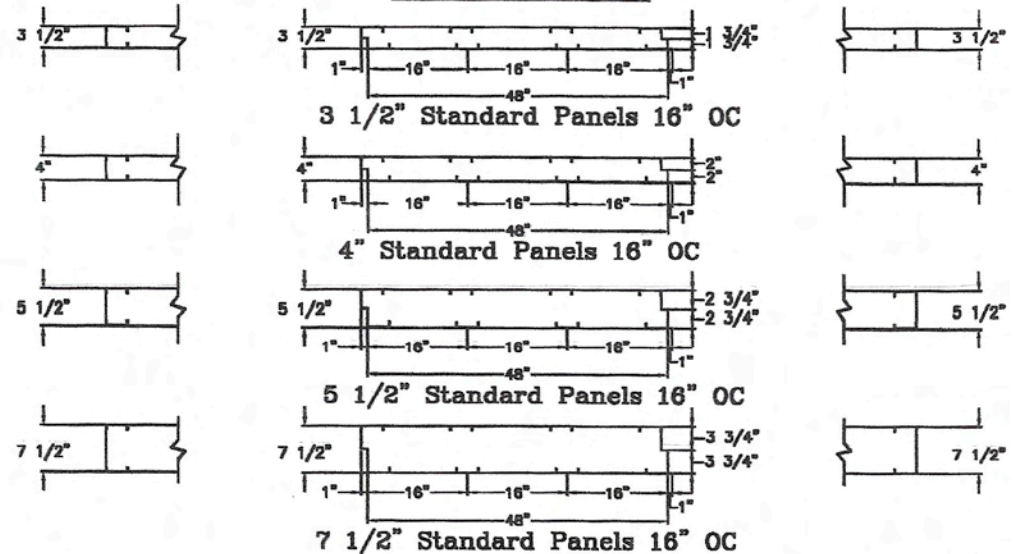
INSULATED STEEL FRAMING SYSTEM

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## STANDARD PANEL CATALOG

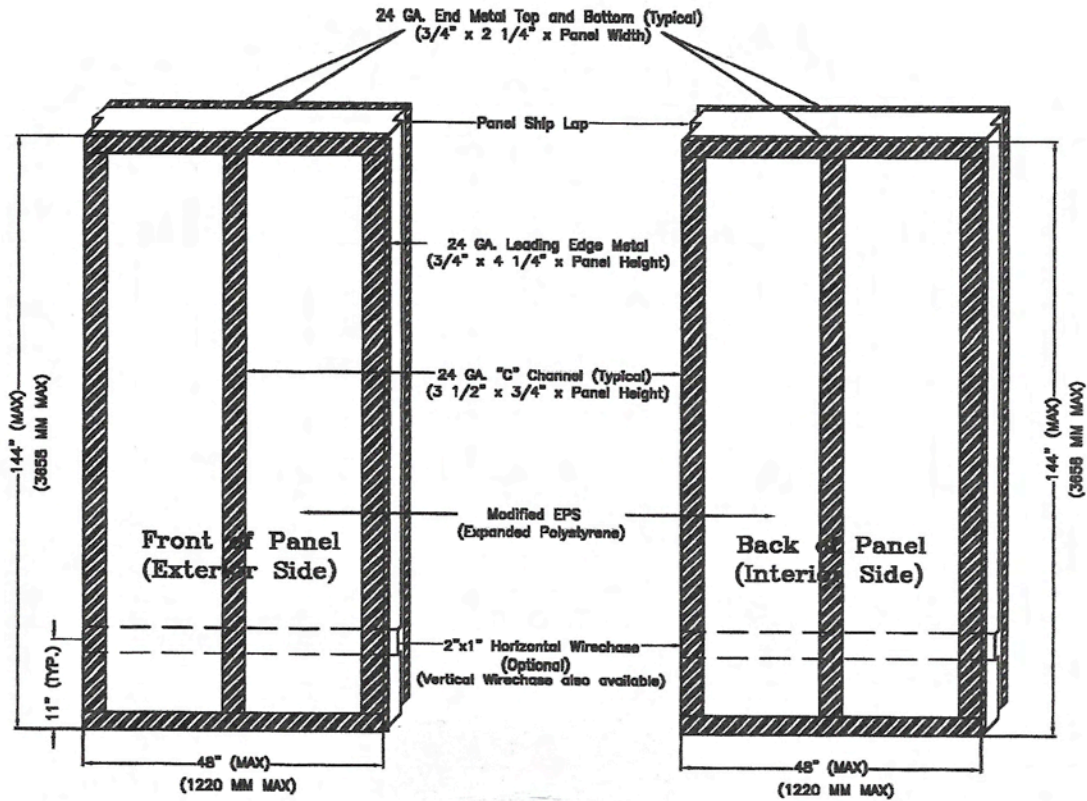


**PANEL ELEVATION**

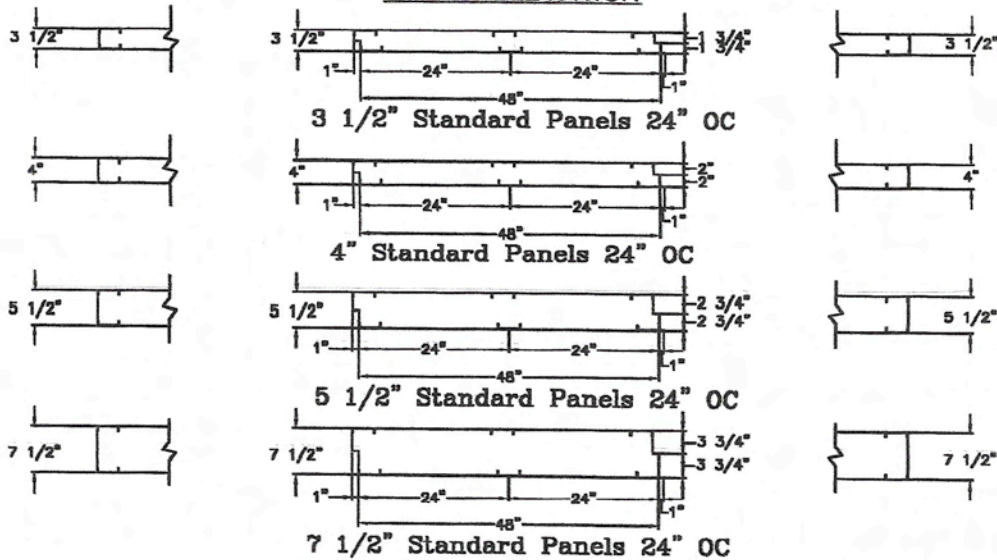


**NO LAP LEFT                      TOP VIEW                      NO LAP RIGHT**

# Standard Panels Detail 1



**PANEL ELEVATION**

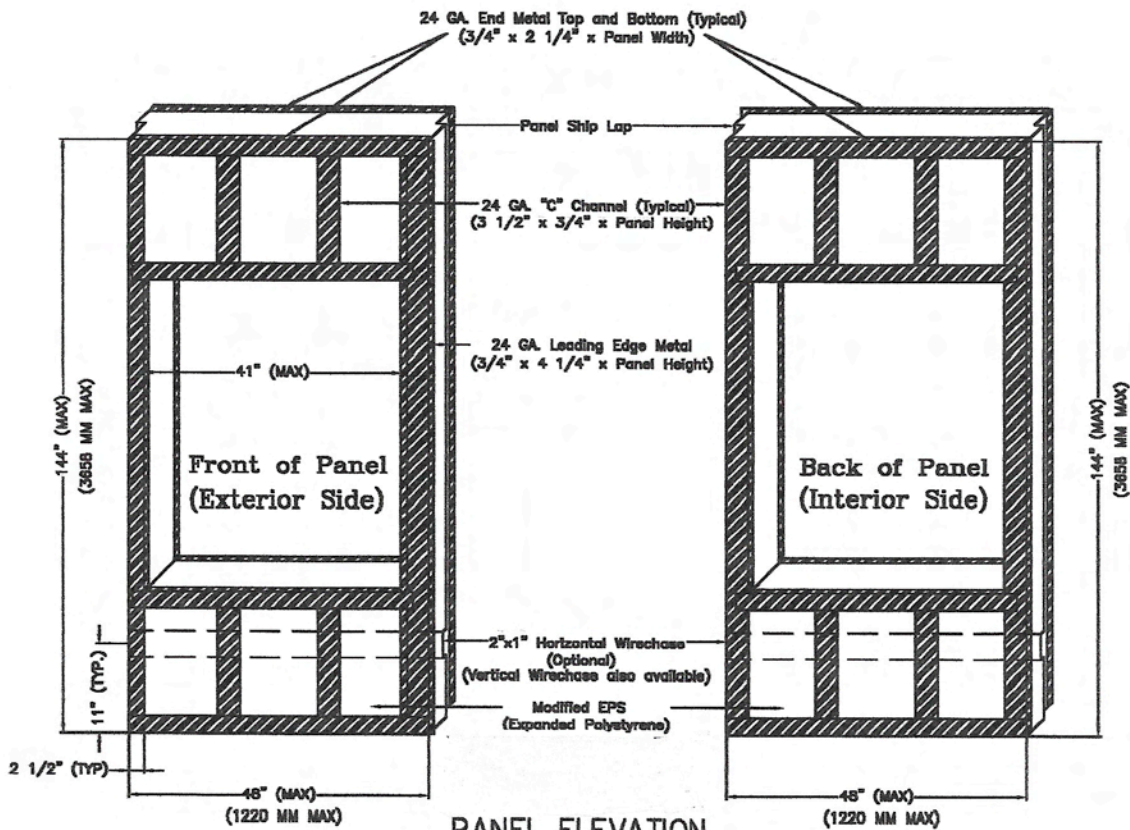


NO LAP LEFT

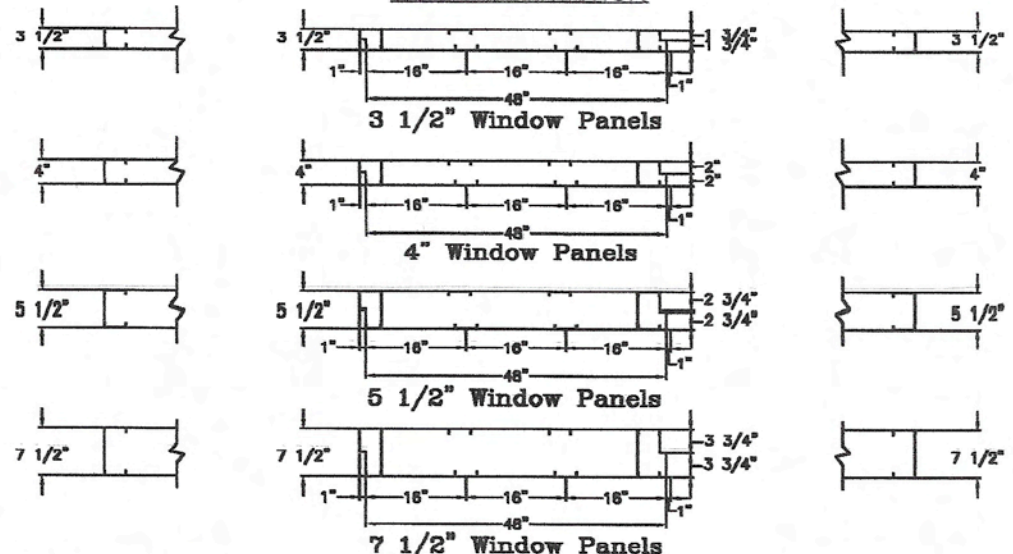
TOP VIEW

NO LAP RIGHT

# Standard Panels Detail 2



**PANEL ELEVATION**

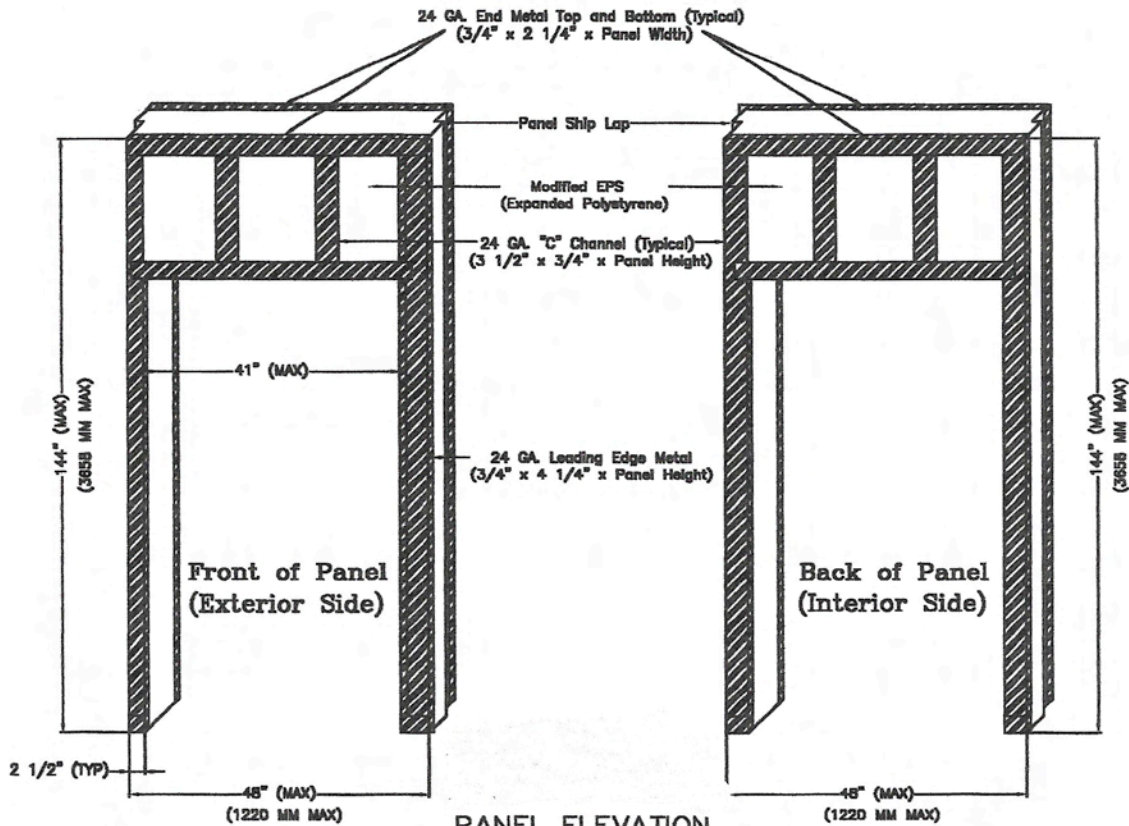


NO LAP LEFT

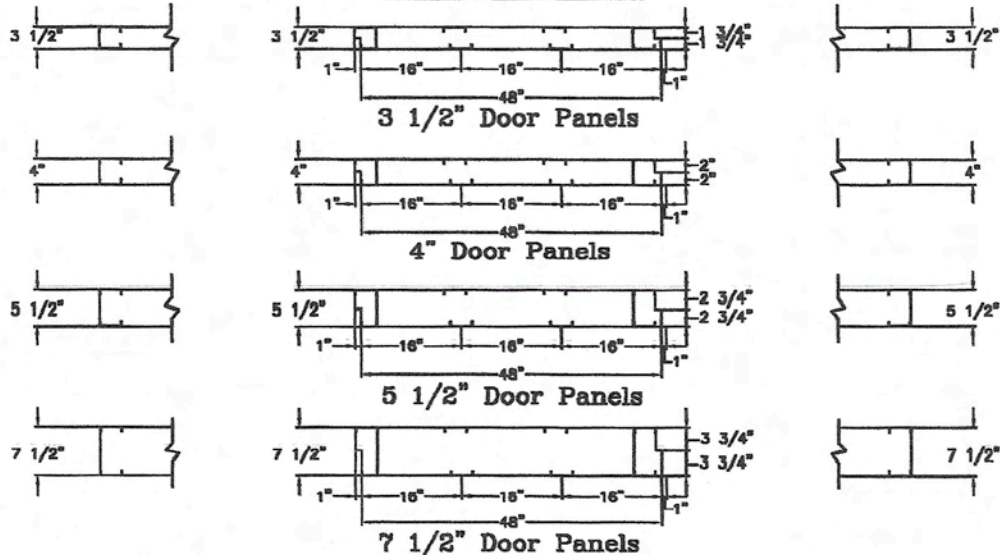
TOP VIEW

NO LAP RIGHT

# Window Panels Detail



**PANEL ELEVATION**

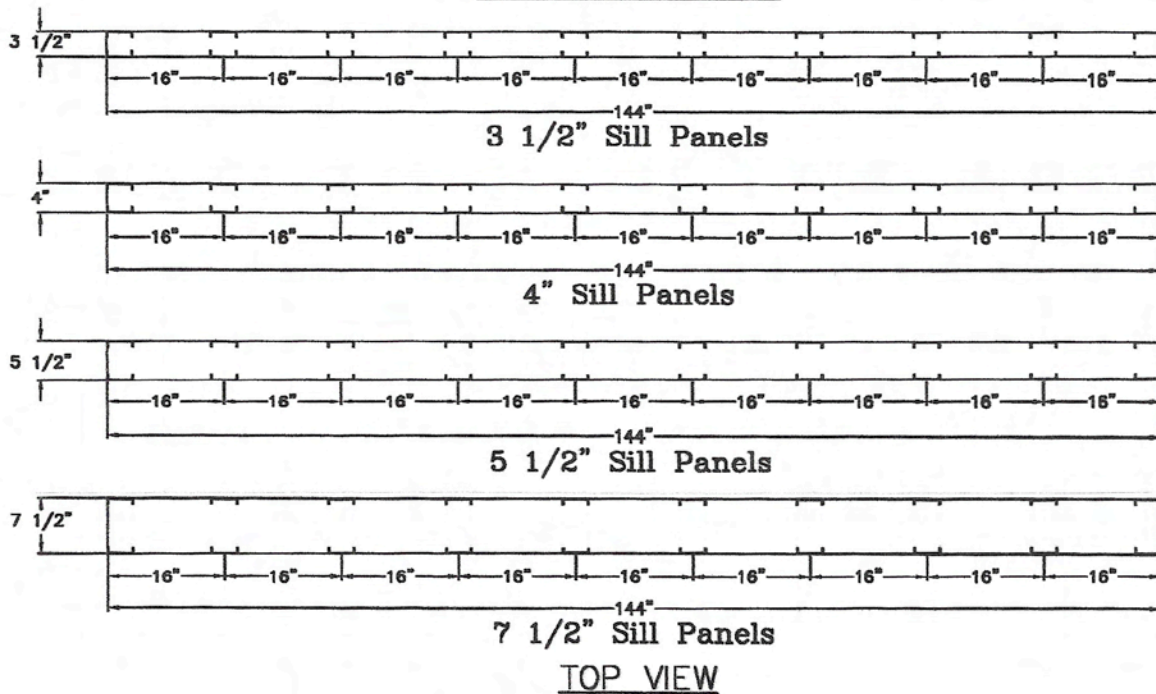
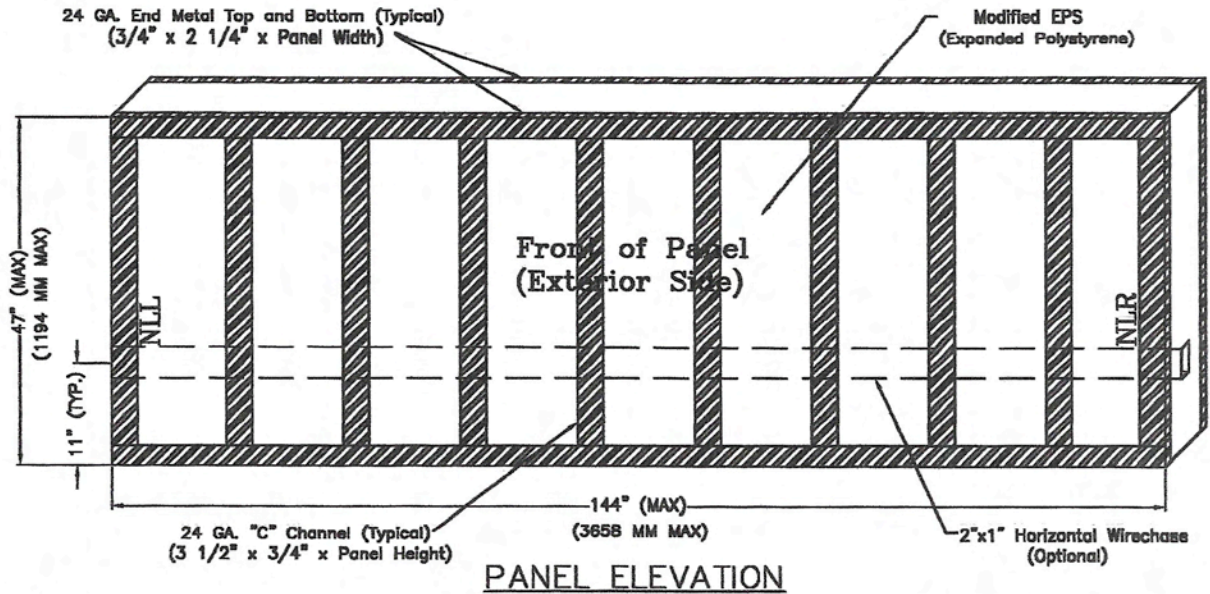


NO LAP LEFT

TOP VIEW

NO LAP RIGHT

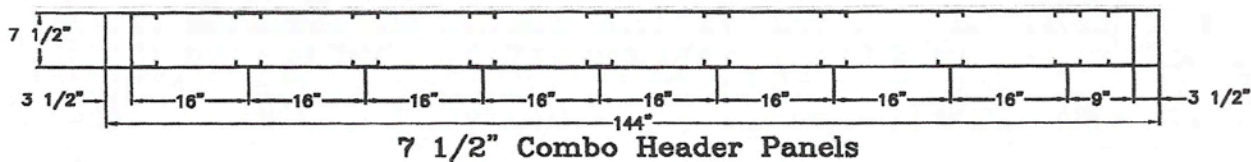
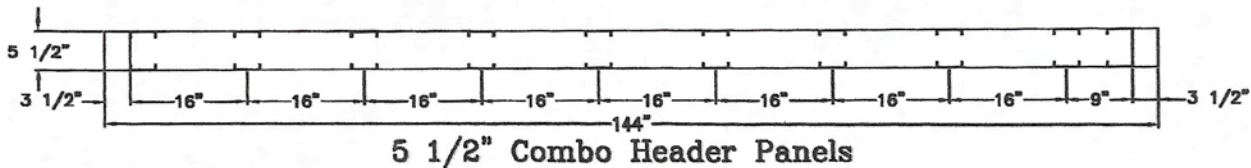
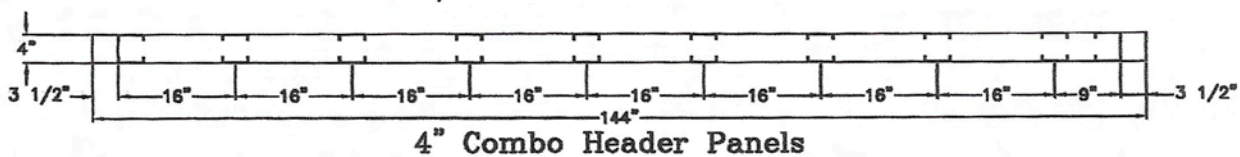
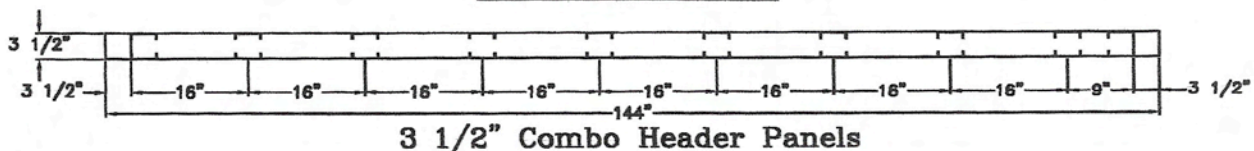
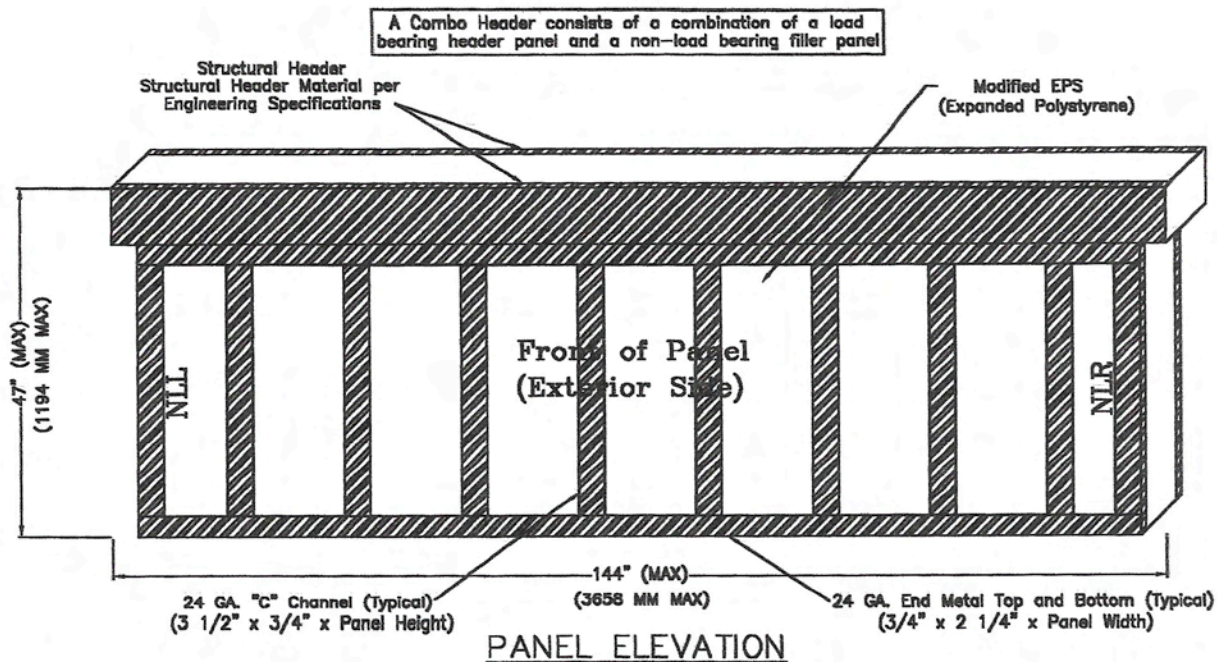
# Door Panels Detail



# Sill Panels Detail

FOR ALL PANEL THICKNESSES

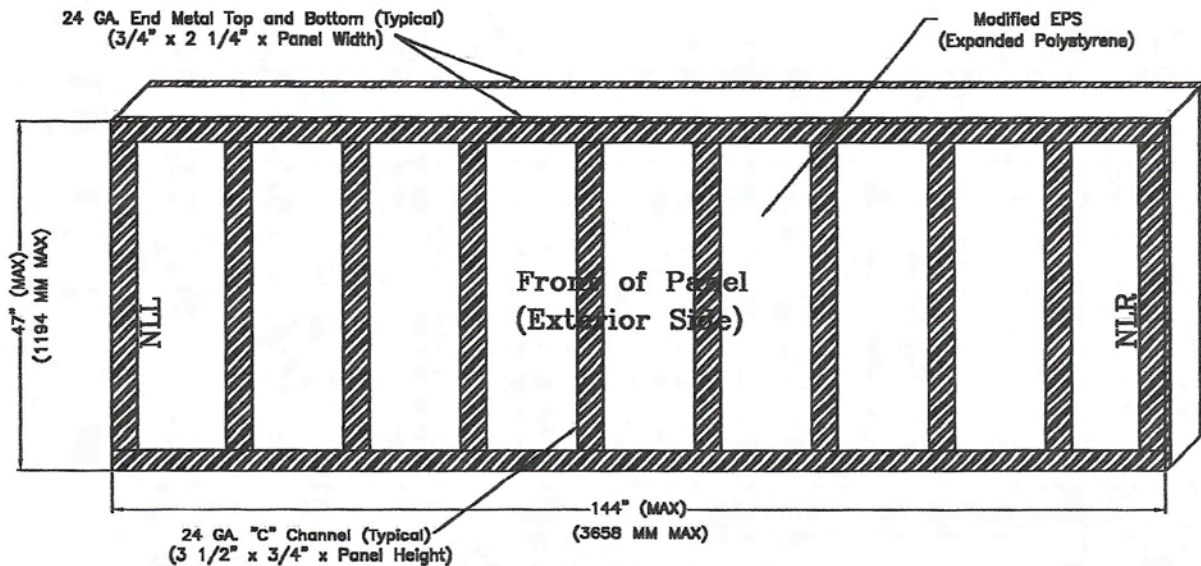
(ALL DIMENSIONS TAKEN FROM EXTERIOR SURFACE)



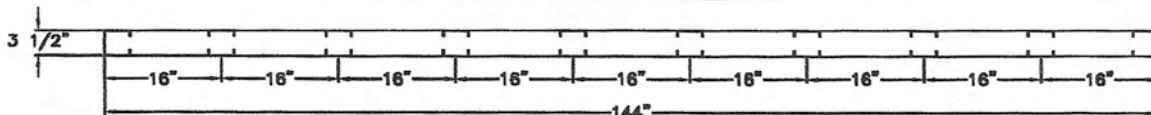
**TOP VIEW**

# Combo Header Panels Detail

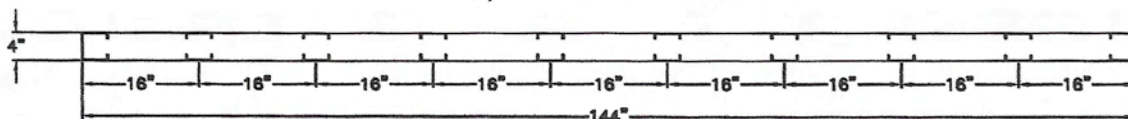
FOR ALL PANEL THICKNESSES  
(ALL DIMENSIONS TAKEN FROM EXTERIOR SURFACE)



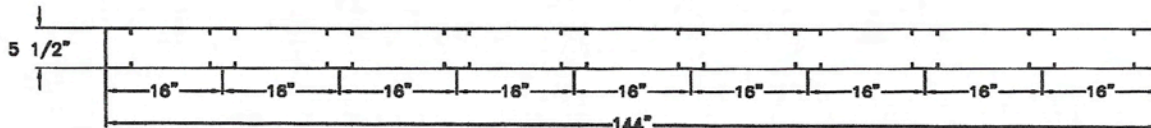
**PANEL ELEVATION**



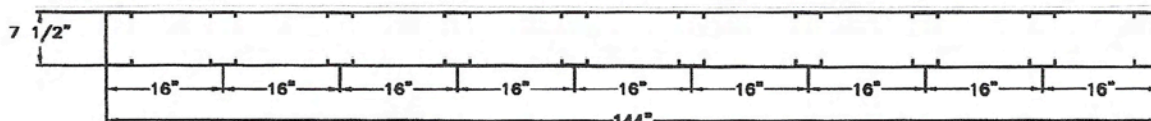
**3 1/2" Header Panels**



**4" Header Panels**



**5 1/2" Header Panels**



**7 1/2" Header Panels**

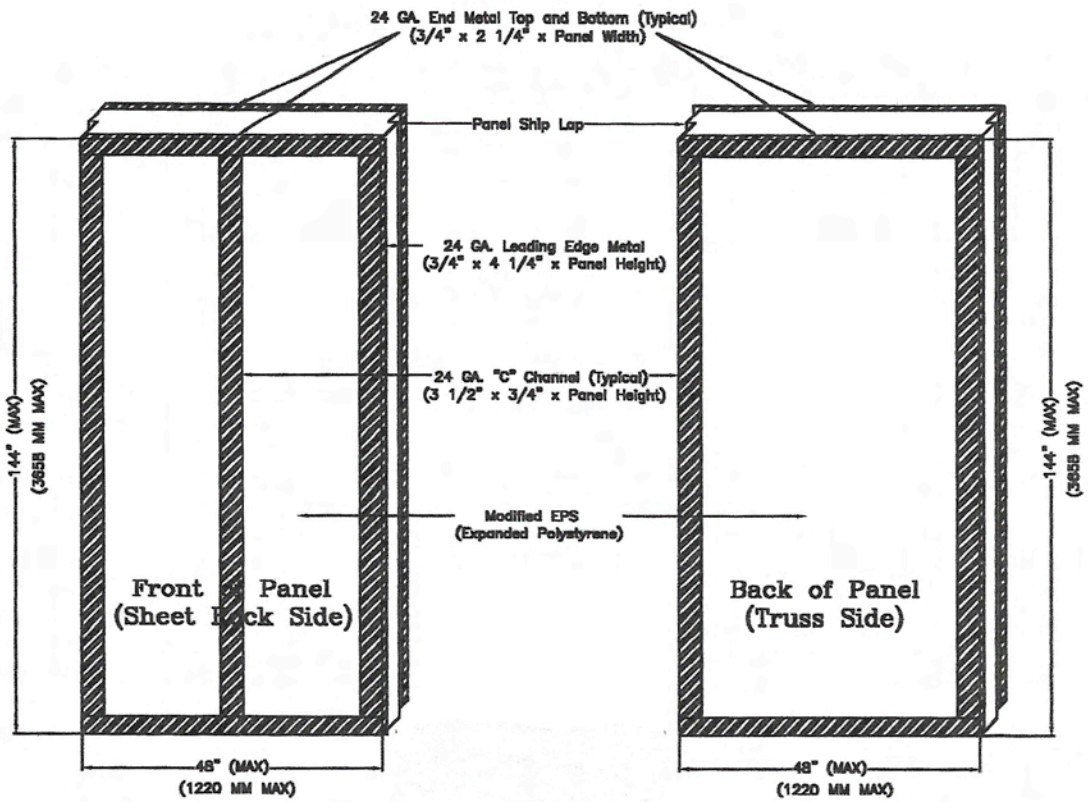
**TOP VIEW**

# Header Panels Detail

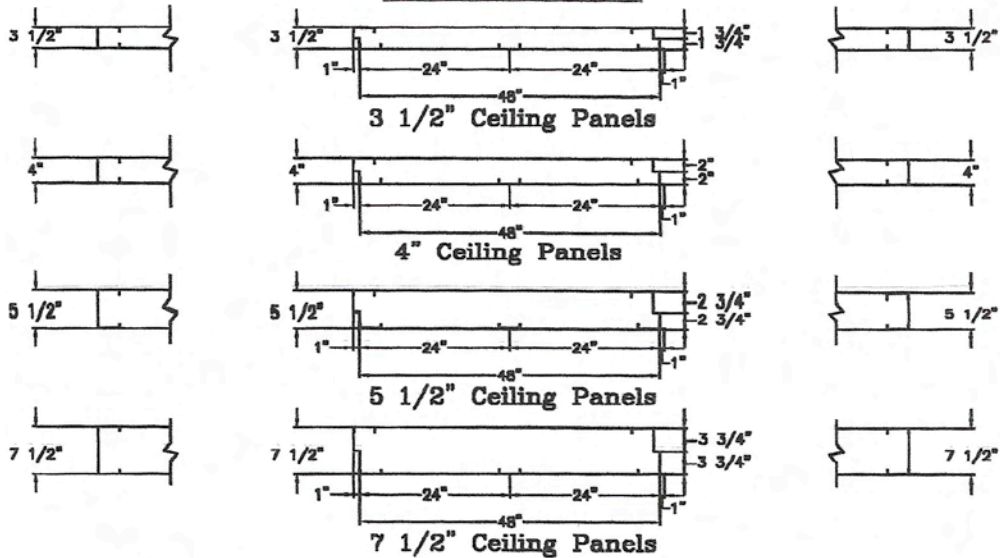
FOR ALL PANEL THICKNESSES  
(ALL DIMENSIONS TAKEN FROM EXTERIOR SURFACE)

Rev: 10/09/09 (WIRE CHASES NOT TYPICAL ON THIS PANEL, INSTALLED UPON REQUEST)





PANEL ELEVATION



NO LAP LEFT

TOP VIEW

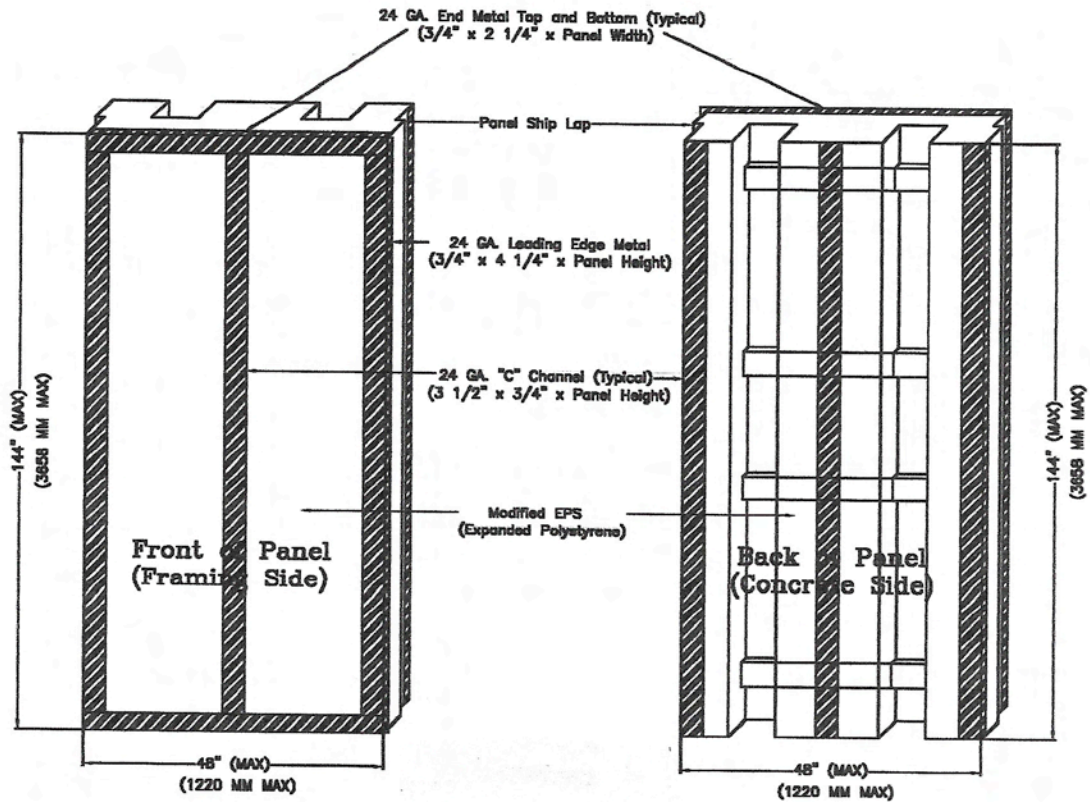
NO LAP RIGHT

# Ceiling Panels Detail

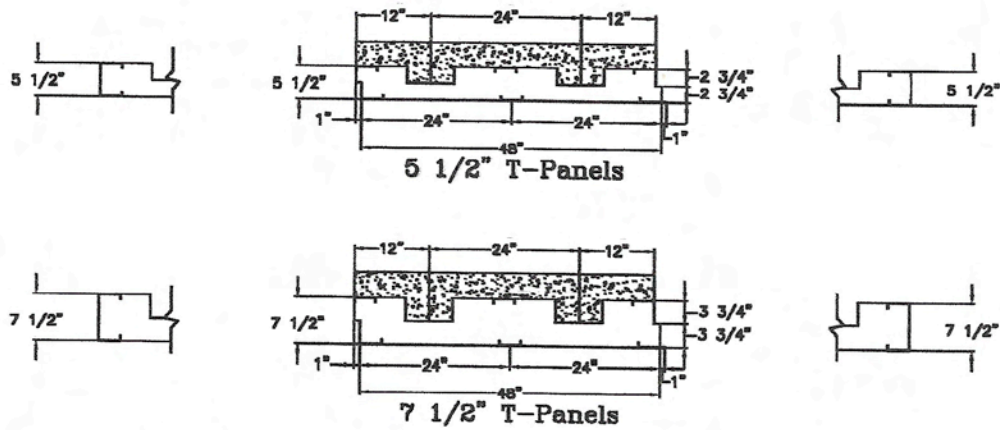
FOR ALL PANEL THICKNESSES

(ALL DIMENSIONS TAKEN FROM EXTERIOR SURFACE)

Rev: 10/09/09 (WIRE CHASES NOT TYPICAL ON THIS PANEL, INSTALLED UPON REQUEST)



**PANEL ELEVATION**



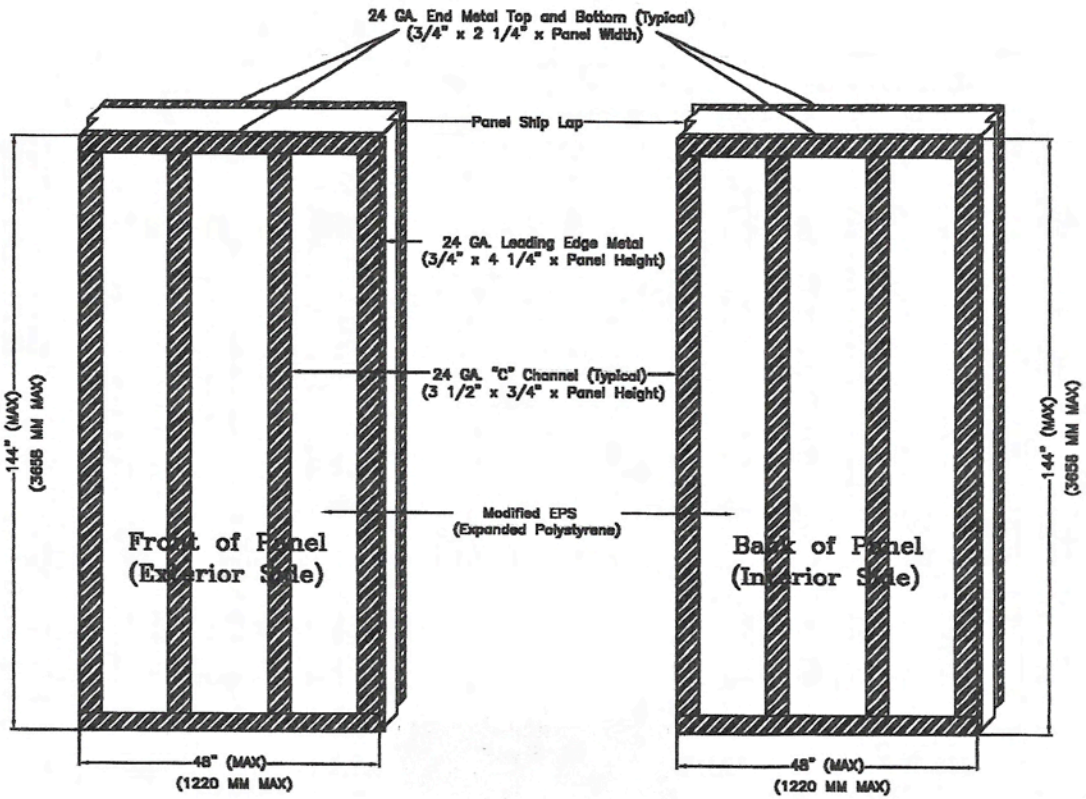
NO LAP LEFT

TOP VIEW

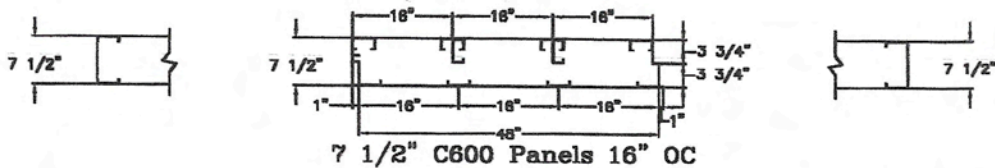
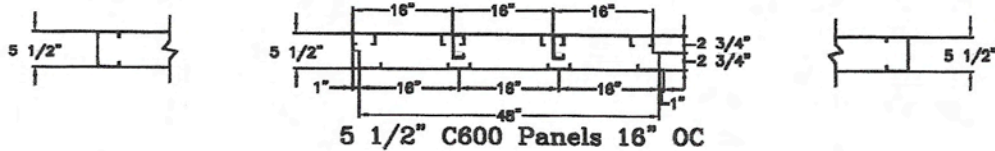
NO LAP RIGHT

# T-Panels Detail

FOR 5 1/2" AND 7 1/2" PANEL THICKNESSES  
 (ALL DIMENSIONS TAKEN FROM EXTERIOR SURFACE)  
 (WIRE CHASES NOT AVAILABLE ON THIS PANEL)



PANEL ELEVATION



NO LAP LEFT

TOP VIEW

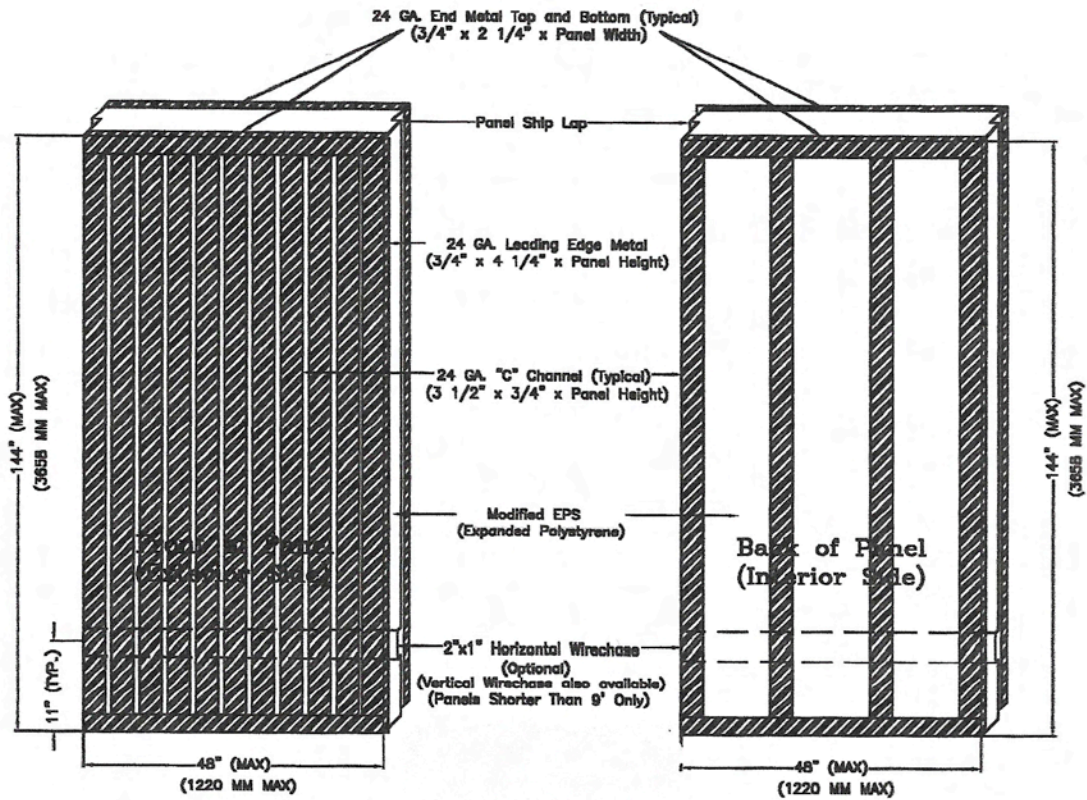
NO LAP RIGHT

# C600 Panels Detail

C600 CONFIGURATION AVAILABLE IN 5 1/2" AND 7 1/2" PANELS ONLY

(ALL DIMENSIONS TAKEN FROM EXTERIOR SURFACE)

(WIRE CHASES NOT AVAILABLE ON THIS PANEL)



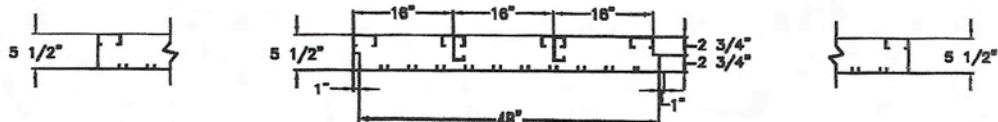
PANEL ELEVATION

**Panels Shorter Than 9'**



5 1/2" Hurricane Panels  
 Moving side 1-3/8" Max Spacing Between Studs  
 Stationary Side 16" On Center

**Panels Taller Than 9'**



5 1/2" Hurricane Panels  
 Moving side 1-3/8" Max Spacing Between Studs  
 Stationary Side 16" On Center  
 Wire Chase Not Available for Panels Taller Than 9' (C800)

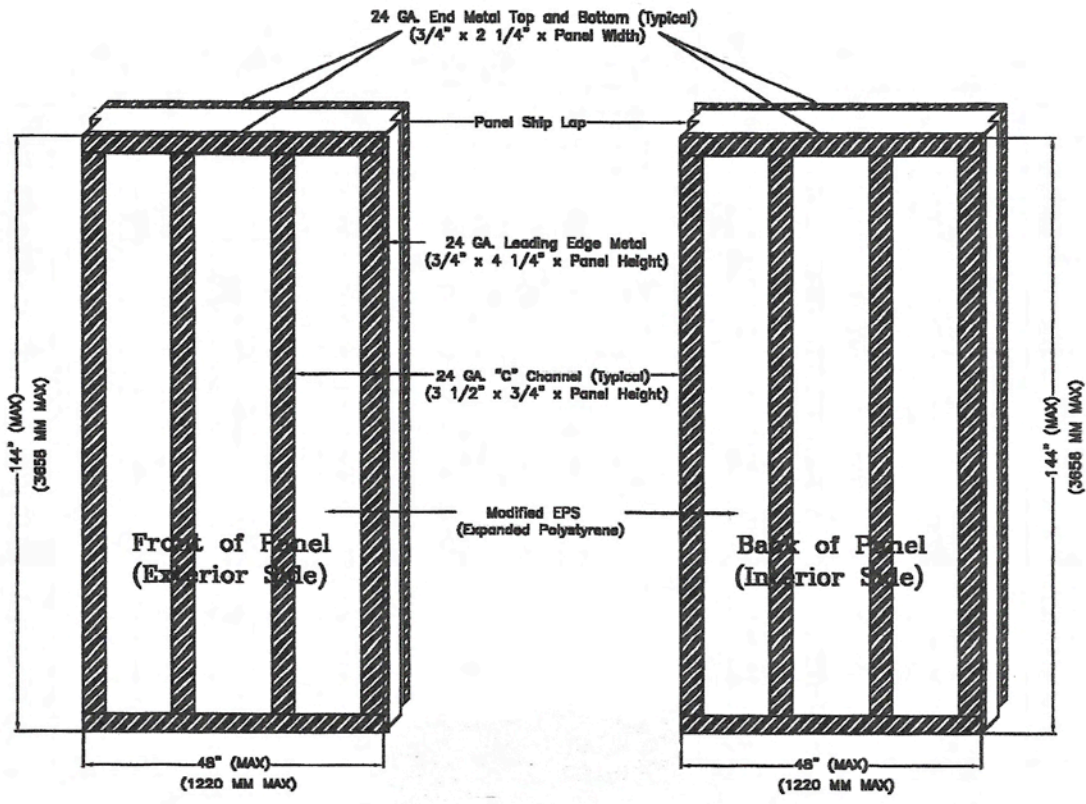
NO LAP LEFT

TOP VIEW

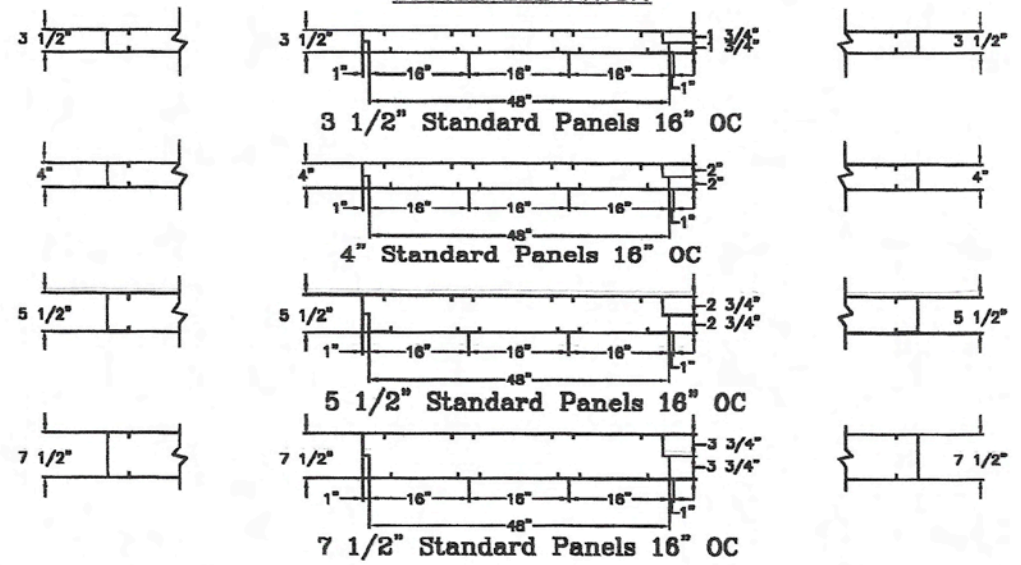
NO LAP RIGHT

**Hurricane Panels Detail**

FOR 5 1/2" PANEL THICKNESSES ONLY  
 (ALL DIMENSIONS TAKEN FROM EXTERIOR SURFACE)



**PANEL ELEVATION**



NO LAP LEFT

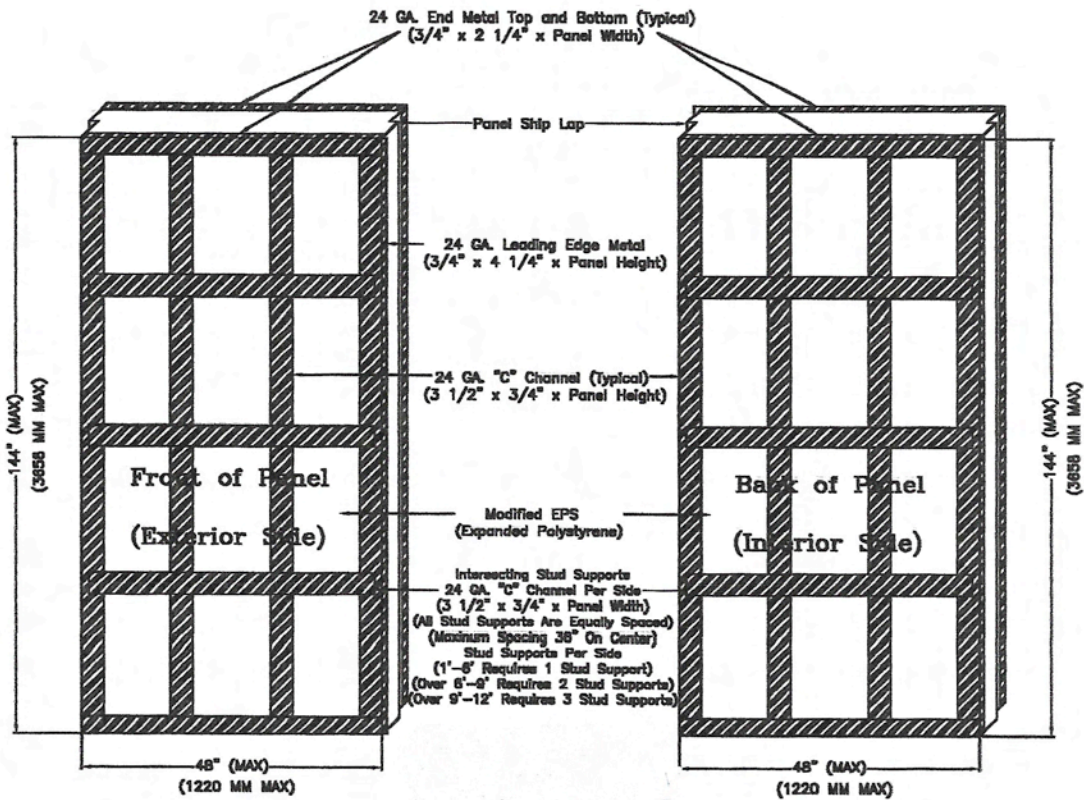
TOP VIEW

NO LAP RIGHT

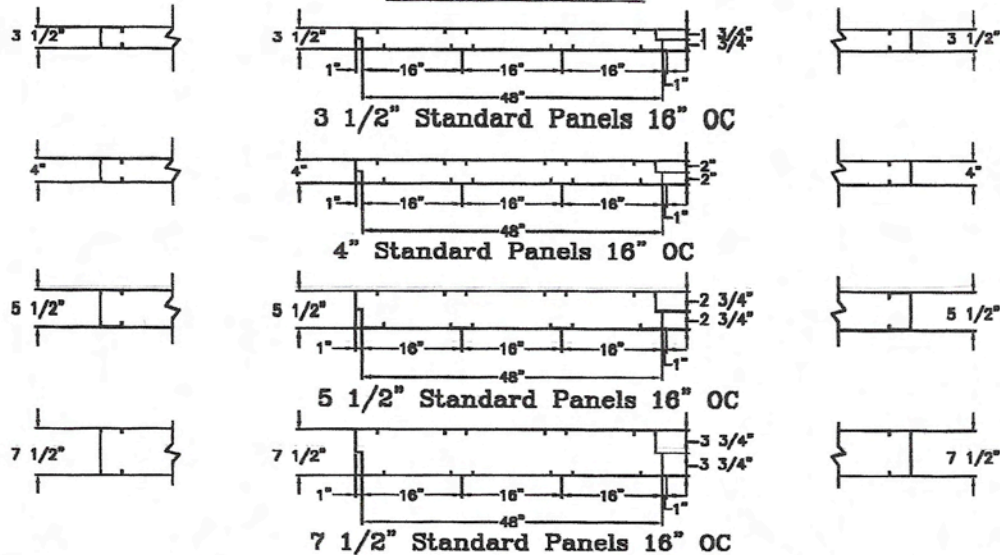
# Standard Roof Panels Detail

FOR ALL PANEL THICKNESSES  
 (ALL DIMENSIONS TAKEN FROM EXTERIOR SURFACE)

Rev. 10/09/09 (WIRE CHASES NOT TYPICAL ON THIS PANEL, INSTALLED UPON REQUEST)



**PANEL ELEVATION**



NO LAP LEFT

TOP VIEW

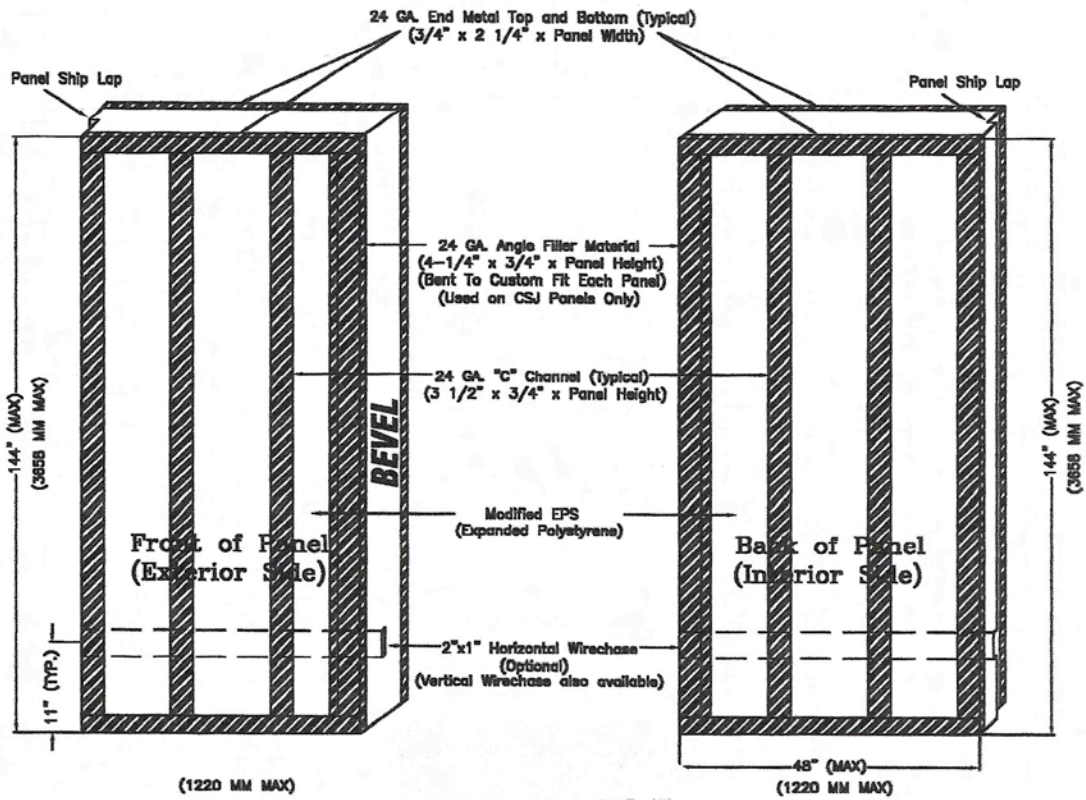
NO LAP RIGHT

# Structural Overhang Panel

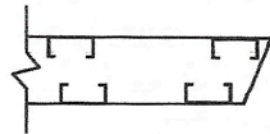
FOR ALL PANEL THICKNESSES

(ALL DIMENSIONS TAKEN FROM EXTERIOR SURFACE)

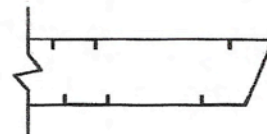
Rev. 10/09/09 (WIRE CHASES NOT TYPICAL ON THIS PANEL, INSTALLED UPON REQUEST)



**PANEL ELEVATION**



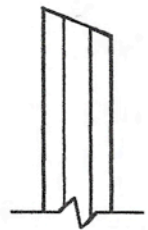
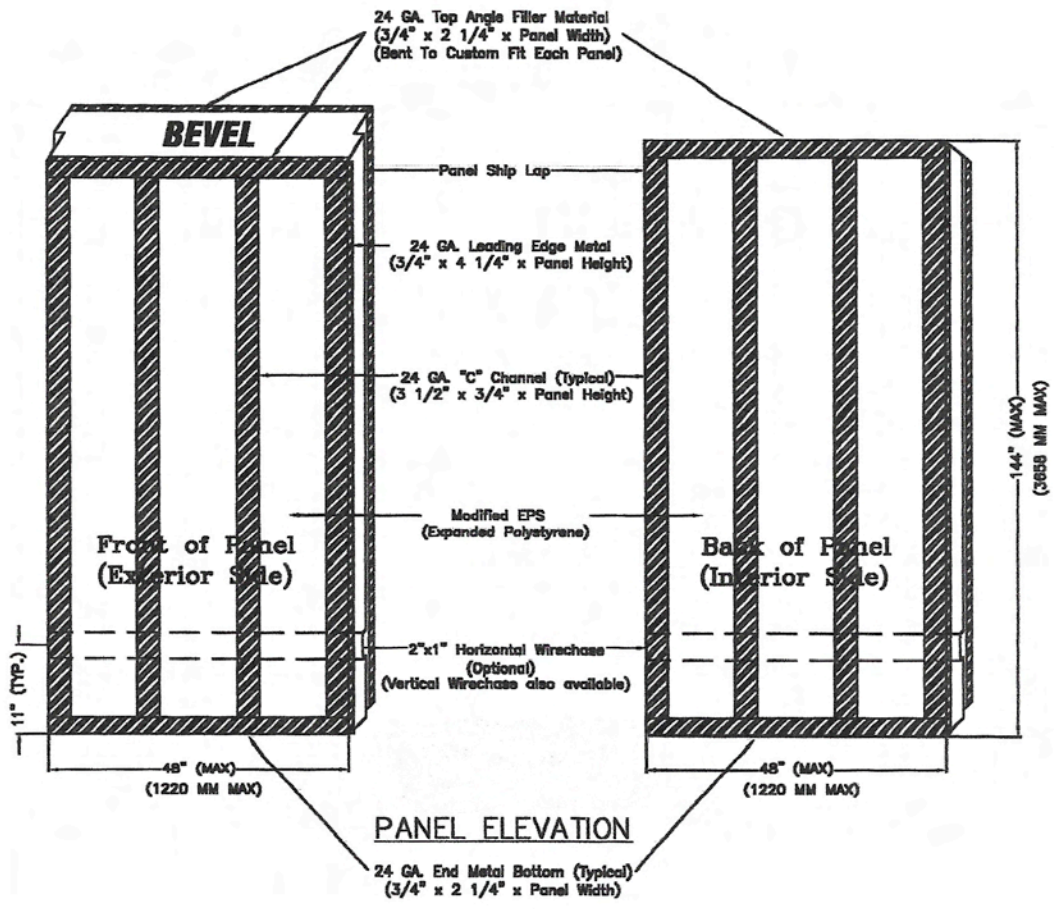
**All Gauge CSJ Panel  
Section With 24GA  
Angle Filler**



**24 & 20 Gauge TS Panel  
Section With Bent Stud Legs**

**Panel Sections Are Representative Of All Panel Thicknesses**

# Vertical Bevel Panel Detail

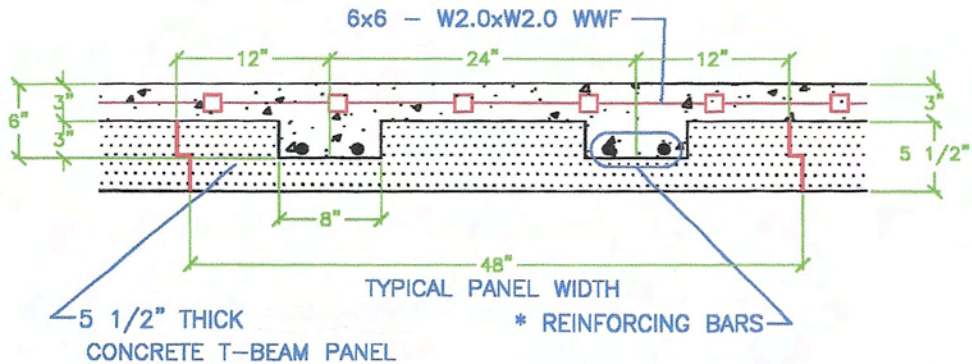


Panel Section With 24GA  
Angle Fillers

Panel Section Is Representative Of All Panel Thicknesses

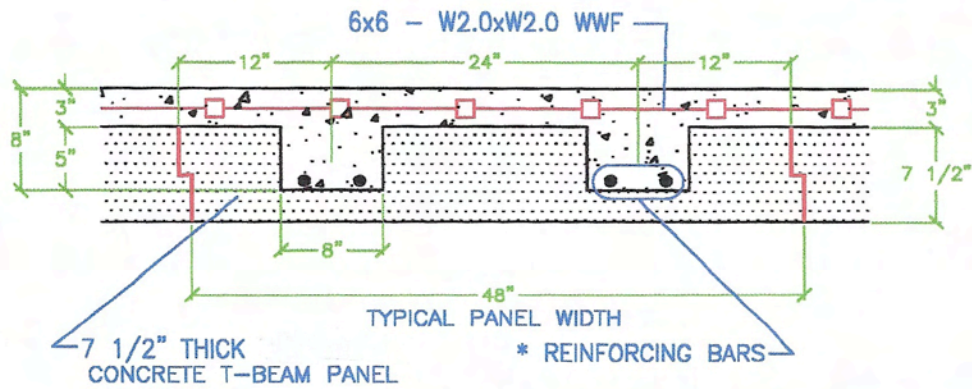
# Horizontal Bevel Panel Detail





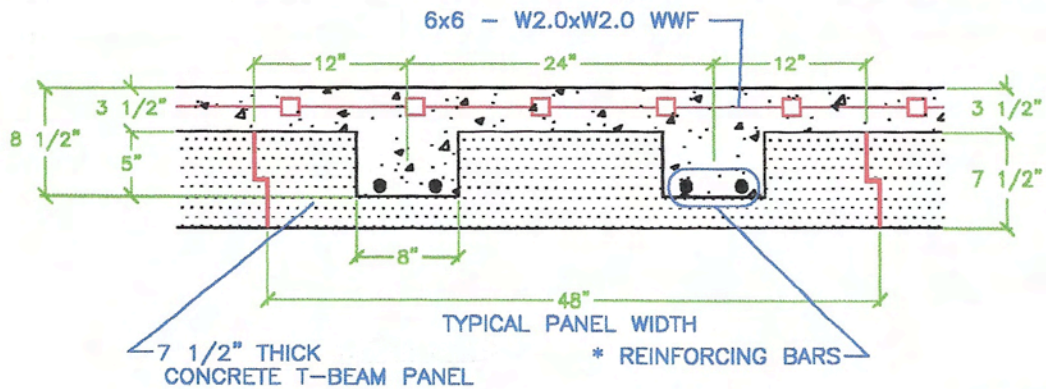
**FIG. 1 - FPB - 1 & RPB - 1**

\* 2X THE BAR DIAMETER ABOVE BOTTOM OF POCKET



**FIG. 2 - FPB - 2 & RPB - 2**

\* 2X THE BAR DIAMETER ABOVE BOTTOM OF POCKET



**FIG. 3 - FPB - 3**

\* 2X THE BAR DIAMETER ABOVE BOTTOM OF POCKET

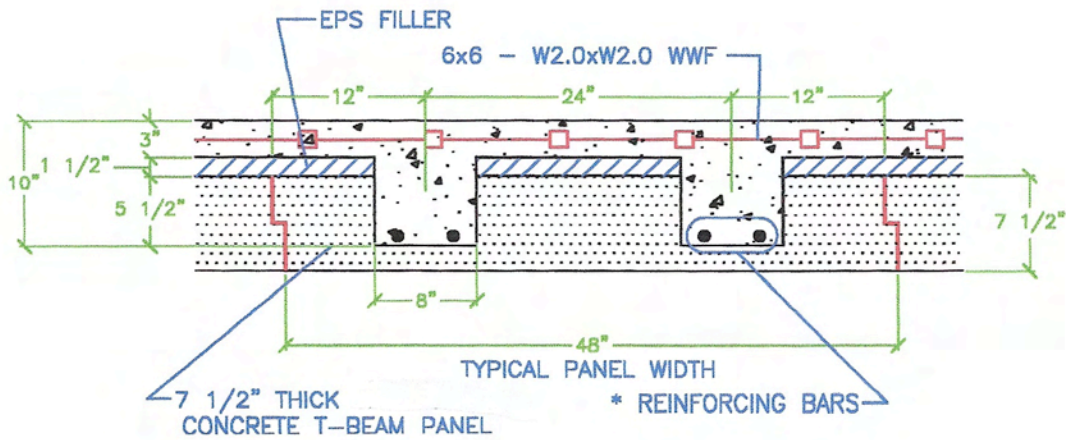


FIG. 4 - RPB - 3 & FPB - 4

\* 2X THE BAR DIAMETER ABOVE BOTTOM OF POCKET

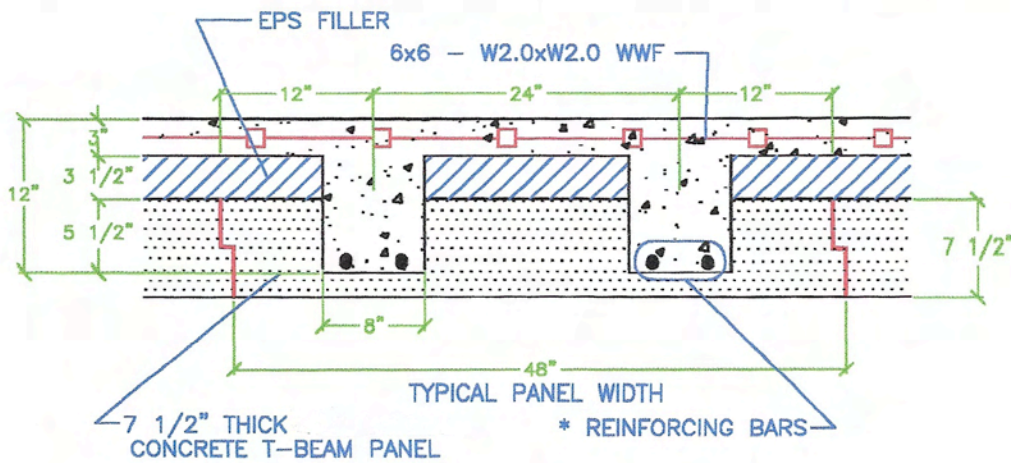


FIG. 5 - RPB - 4 & FPB - 5

\* 2X THE BAR DIAMETER ABOVE BOTTOM OF POCKET

**STRUCTURAL ANALYSIS  
FOR ROOF PANEL INSULAR T – BEAM**

<b>TYPE OF ROOF PANELLING</b>	<b>SPAN (FT)</b>	<b>RESISTING MOMENT (FT-LBS)</b>	<b>REINFORCING BARS (BOTTOM)</b>
<b>RPB - 1</b> (SEE FIG. 1)	<b>10</b>	<b>2750</b>	<b>2 - # 4</b>
	<b>12</b>	<b>3960</b>	<b>2 - # 4</b>
	<b>14</b>	<b>5400</b>	<b>2 - # 5</b>
<b>RPB - 2</b> (SEE FIG. 2)	<b>16</b>	<b>7040</b>	<b>2 - # 5</b>
	<b>18</b>	<b>9850</b>	<b>2 - # 5</b>
	<b>20</b>	<b>12150</b>	<b>2 - # 6</b>
<b>RPB - 3</b> (SEE FIG. 4)	<b>22</b>	<b>16100</b>	<b>2 - # 6</b>
	<b>24</b>	<b>19160</b>	<b>2 - # 6</b>
<b>RPB - 4</b> (SEE FIG. 5)	<b>26</b>	<b>24420</b>	<b>2 - # 6</b>
	<b>28</b>	<b>28330</b>	<b>2 - # 7</b>
	<b>30</b>	<b>32520</b>	<b>2 - # 7</b>

**STRUCTURAL ANALYSIS  
FOR FLOOR PANEL INSULAR T – BEAM**

<b>TYPE OF FLOOR PANELLING</b>	<b>SPAN (FT)</b>	<b>RESISTING MOMENT (FT-LBS)</b>	<b>REINFORCING BARS (BOTTOM)</b>
<b>FPB - 1</b> (SEE FIG. 1)	<b>10</b>	<b>3670</b>	<b>2 - # 4</b>
	<b>12</b>	<b>5290</b>	<b>2 - # 5</b>
<b>FPB - 2</b> (SEE FIG. 2)	<b>14</b>	<b>7840</b>	<b>2 - # 5</b>
	<b>16</b>	<b>10240</b>	<b>2 - # 5</b>
	<b>18</b>	<b>12960</b>	<b>2 - # 6</b>
<b>FPB - 3</b> (SEE FIG. 3)	<b>20</b>	<b>16250</b>	<b>2 - # 6</b>
<b>FPB - 4</b> (SEE FIG. 4)	<b>22</b>	<b>20180</b>	<b>2 - # 6</b>
<b>FPB - 5</b> (SEE FIG. 5)	<b>24</b>	<b>26650</b>	<b>2 - # 6</b>